



# NIOSH Presentation

Pittsburgh, March 2011, Kent Armstrong/Larry Kilian

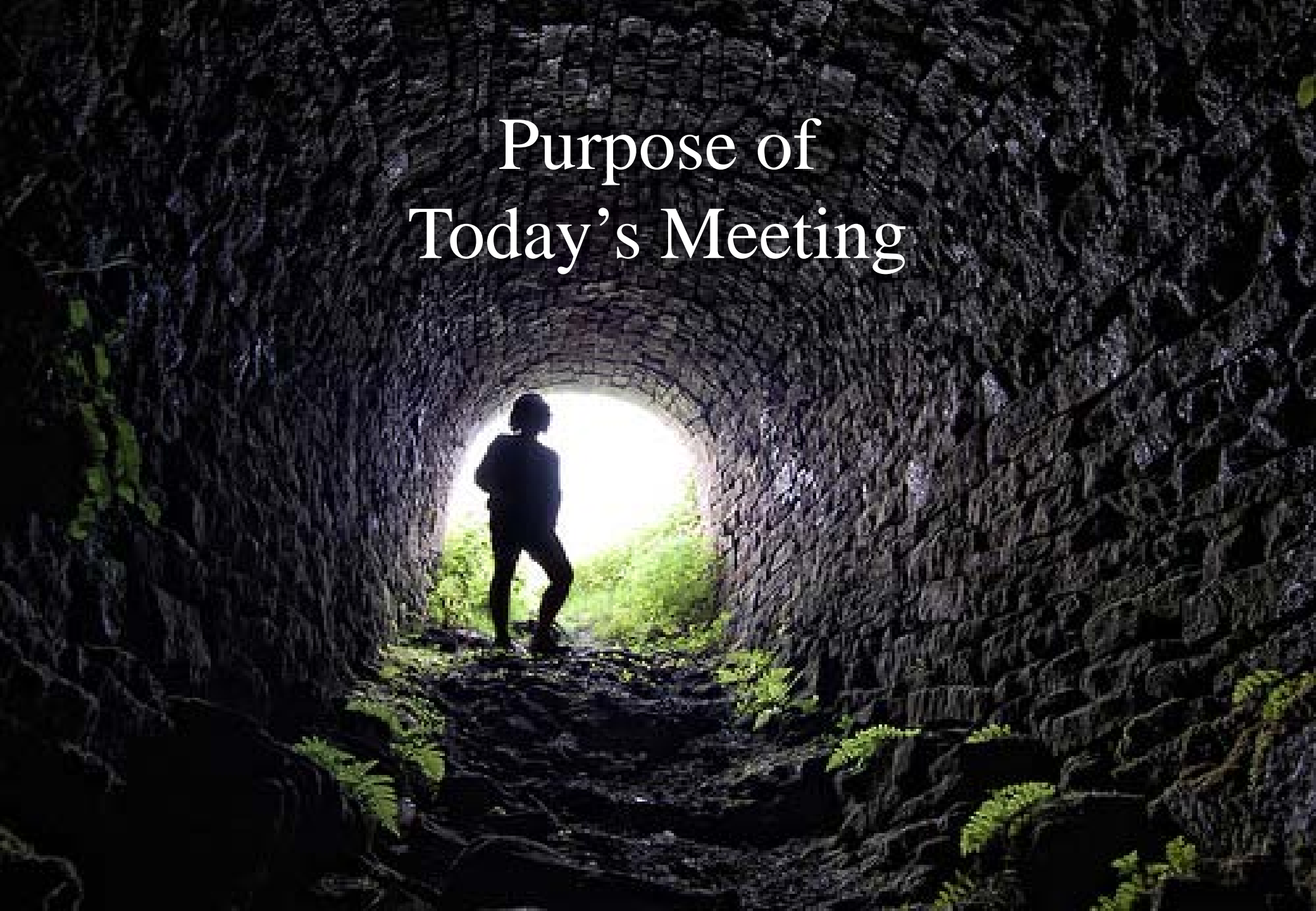
Who is

**Dräger**

Technology for Life.



# Purpose of Today's Meeting



# Technology specific to Mining Industry:

- Increase Safety
- Improve Productivity
- Lower Operating Costs



# NIOSH Presentation

## Table of Contents



1. Draeger History with Mining Industry

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2. Commitment to Future

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3. Draeger Focus in Mining

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4. Looking Forward – The Opportunities & Implications

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# Since 1907, Draeger has focused on Mine Rescue



## Draegerman was born...







Because even  
*Superman*  
needs Help  
once in awhile...



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- 2. Commitment to Future**

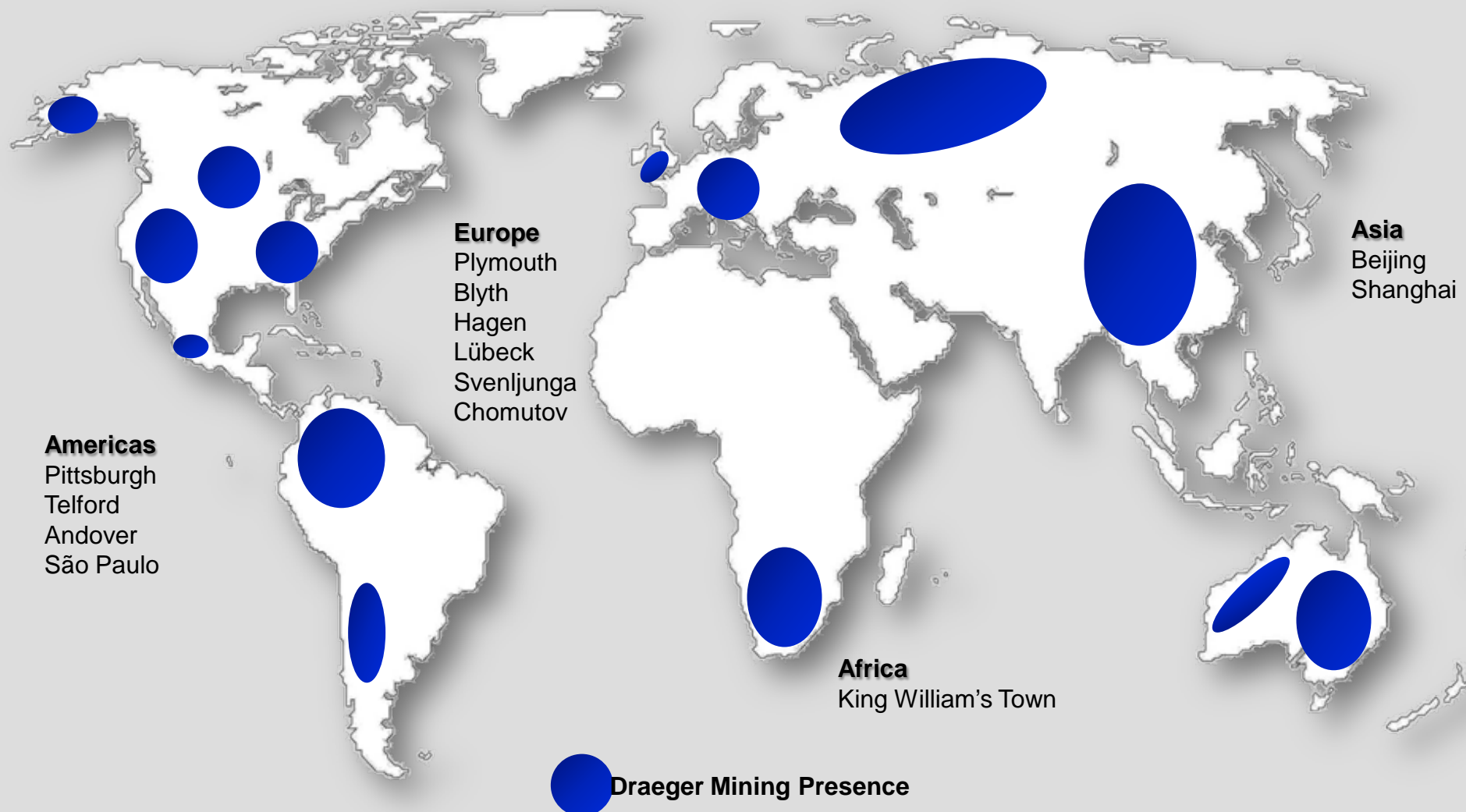
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# NIOSH Presentation

## Commitment to Future – Global Presence







## Research and Development Spend Reflects Commitment



Oxyboks K  
(since 1986)



Oxy K 30/50 S  
(since 1994)



Oxy K Full Face Family  
(since 2003)



Oxy 6000  
Future



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Mine Rescue

Workplace Safety



Xam 2000

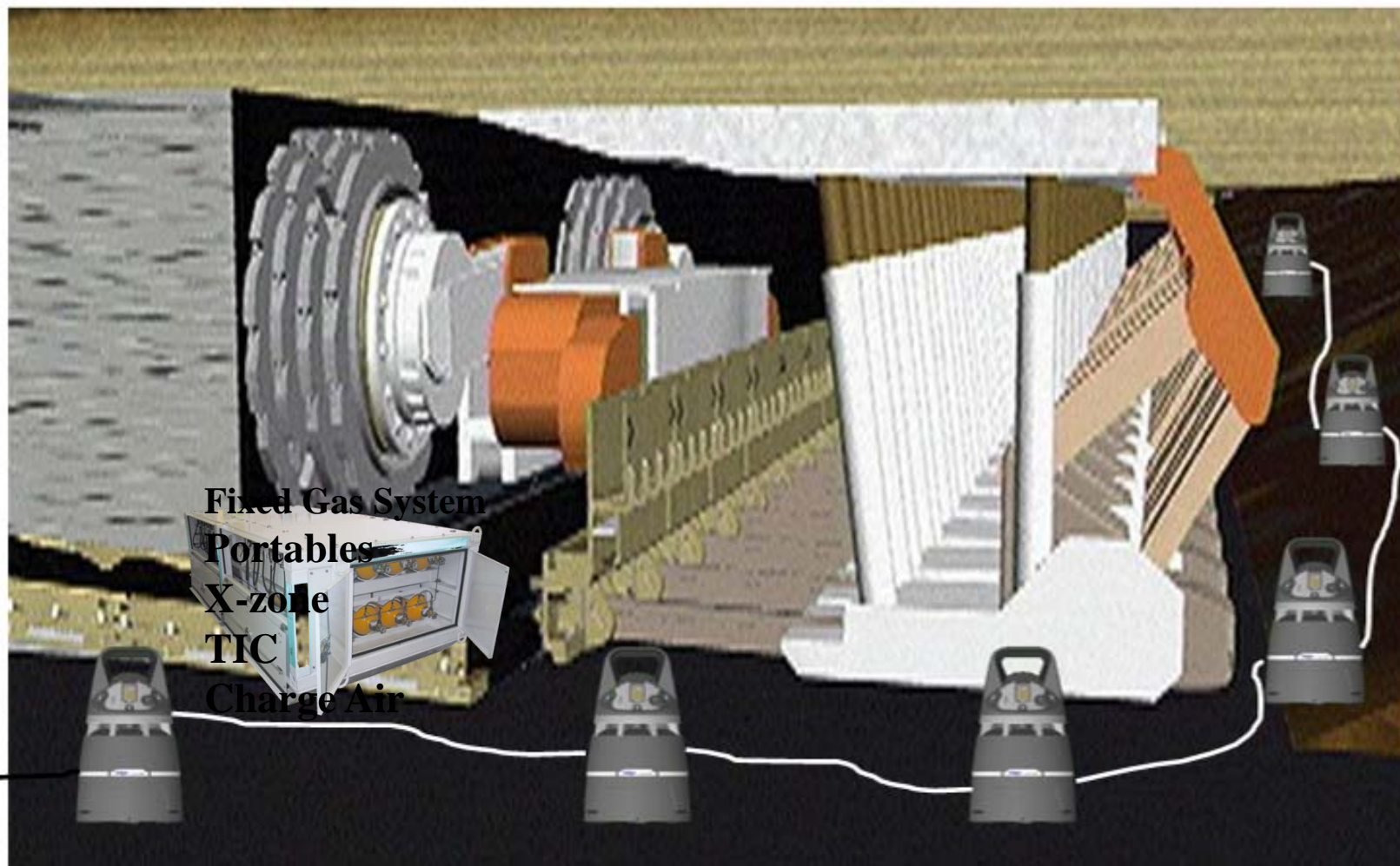
Xam 5000

APR's

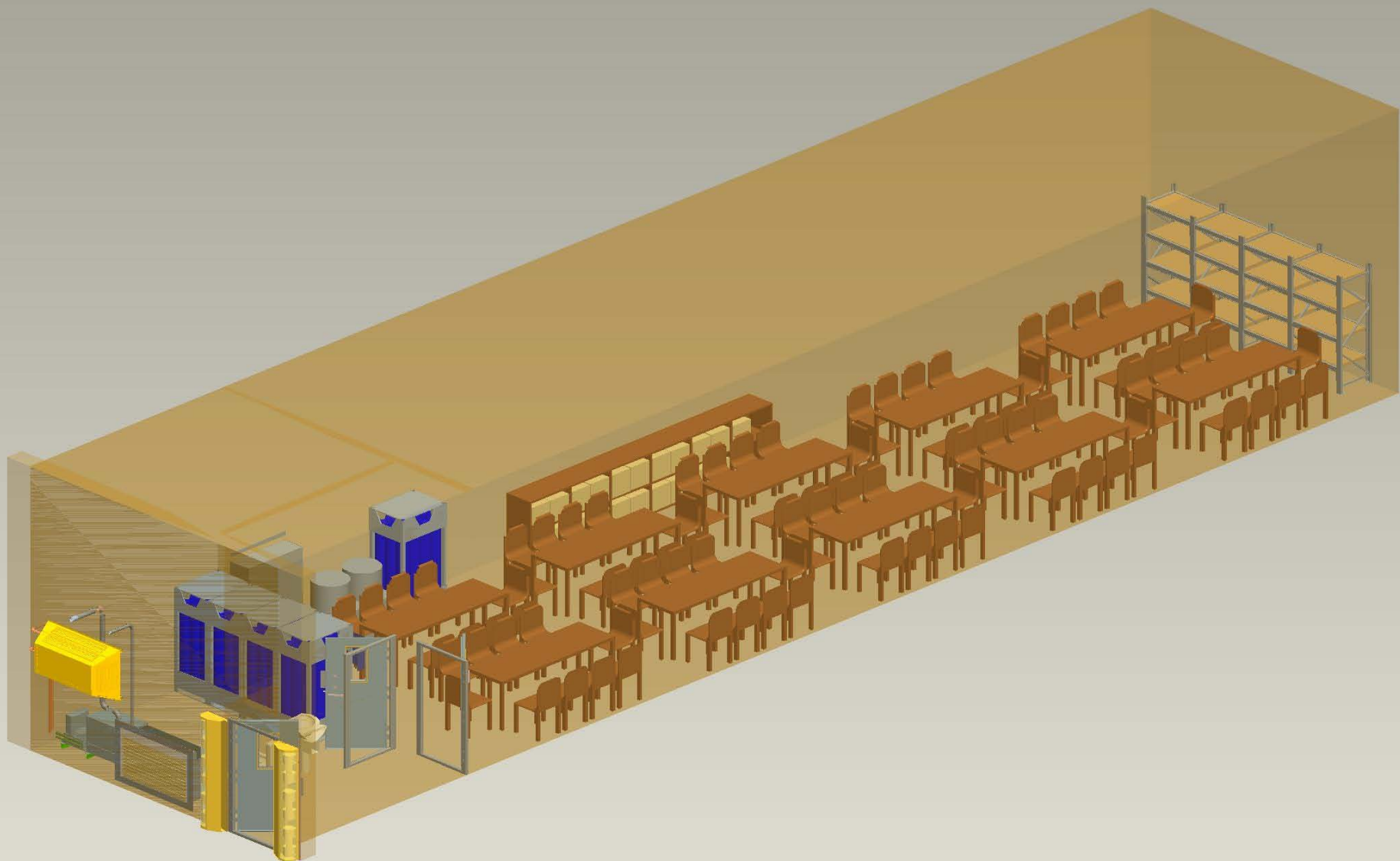
Self Rescue

Incident Prevention





Fixed Gas System  
Portables  
X-zone  
TIC  
Charge Air



**Mine Rescue**



**BG4  
TIC  
SCBA**

**Escape Chambers**

**Workplace Safety**

**Xam 2000  
Xam 5000  
APR's**

**Fixed Gas System  
Portables  
X-zone  
TIC  
Charge Air**

**Incident Prevention**

**Self Rescue**

**SCSR  
Charge Air  
Escape Chambers**





*Mine Rescue*

**BG4  
TIC  
SCBA  
Escape Chambers**

*Workplace Safety*

**Xam 2000  
Xam 5000  
APR's**

*Self Rescue*

**SCSR  
Charge Air  
Escape Chambers**

*Incident Prevention*

**Fixed Gas System  
Portables  
X-zone  
TIC  
Charge Air**



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4. **Looking Forward – The Opportunities & Implications**

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Lower Public Funds for Research      Use Best Practices from Other Countries  
Hazards Remaining      Focus on Prevention vs. Rescue  
Increase Public Pressure to address Safety Issues

# Dräger

Remove barriers for new  
The Technology for the future.



**Dräger**